



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Francis Sullivan *et al.*

Serial No.: 09/878,574

Filed: June 11, 2001

For: HUMAN GDP-MANNOSE 4,6  
DEHYDRATASE

Attorney Docket No.: GFN-5285D3CPACN

Group Art Unit: 1652

Examiner:

COPY OF PAPERS  
ORIGINALLY FILED



Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

RECEIVED

MAR 13 2002

TECH CENTER 1600/2900

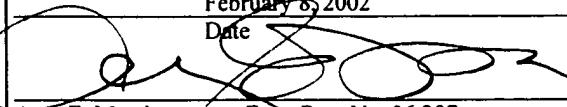
**REQUEST FOR CORRECTION OF FILING RECEIPT**

Dear Sir:

The Filing Receipt for the above-identified provisional patent application incorrectly lists Attorney Docket Number as "GFN-5285DV3CPA" instead of "GFN-5285D3CPACN."

Applicants respectfully request that the Filing Receipt be corrected. Applicants also enclose a copy of the Filing Receipt with the change noted thereon.

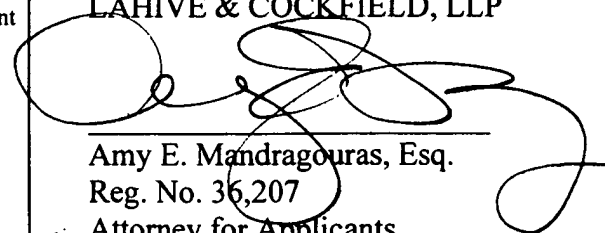
Please charge any fees necessary for consideration and entry of this communication to our Deposit Account No. 12-0080. *A duplicate of this communication is enclosed.*

Certificate of First Class Mailing (37 C.F.R. §1.8(a))	
I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231 on:	
February 8, 2002	
Date	
	
Amy E. Mandragouras, Esq., Reg. No. 36,207	

Dated: February 8, 2002

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

  
Amy E. Mandragouras, Esq.  
Reg. No. 36,207  
Attorney for Applicants

RECEIPT



LAHIVE  
&  
COCKFIELD  
LLP

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
RALPH A. LOREN  
GIULIO A. DeCONTI, JR.  
ANN LAMPORT HAMMITTE  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
PETER C. LAURO  
JEANNE M. DIGIORGIO  
DEBRA J. MILASINCIC, Ph.D.  
DAVID J. RIKKERS  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER

CYNTHIA L. KANIK, Ph.D.  
MEGAN E. WILLIAMS, Ph.D.  
RICHA NAND  
MICHAEL PHILLIPPS \*  
LISA M. DIROCCO  
HATHAWAY P. RUSSELL \*\*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.  
PETER A. DIMATTIA  
VINCENT P. LOCCISANO  
MERIDETH C. ARNOLD  
  
SENIOR COUNSEL  
JAMES E. COCKFIELD  
  
OF COUNSEL  
JEREMIAH LYNCH  
WILLIAM A. SCOFIELD, JR.  
SIBLEY P. REPPERT

PATENT AGENTS  
THEODORE R. WEST  
SHAYNE Y. HUFF, Ph.D.  
DANIEL B. KO

TECHNICAL SPECIALISTS  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
EUIHOON LEE  
JENNIFER K. ROSENFELD  
ALLAN TAMESHTIT, Ph.D.  
CATHERINE E. McPHERSON  
ERIC F. WAGNER, Ph.D.  
SHAHID HASAN, Ph.D.  
JACOB G. WEINTRAUB  
JONATHAN M. SPARKS, Ph.D.  
CRISTIN E. HOWLEY, Ph.D.

\* Admitted in NY only  
\*\* Admitted in TX only

February 8, 2002

Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

COPY OF PAPERS  
ORIGINALLY FILED

Re: U.S. Continuation Application Serial No. 09/878,574  
Title: *Human GFP-Mannose 4,6 Dehydratase*  
Inventor: Francis Sullivan *et al.*  
Filed: June 11, 2001  
Attorney Reference No.: GFN-5285D3CPACN

RECEIVED  
MAR 13 2002  
TECH CENTER 1600/2900

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Request for Correction of Filing Receipt (1 page, in duplicate);
2. Copy of Filing Receipt with changes thereon (2 pages); and
3. Return Postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Office of Initial Patent Examination, Customer Service Center. Washington, DC 20231 on:

February 8, 2002  
Date

Amy E. Mandragouras, Esq. Reg. No. 36,683

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Amy E. Mandragouras, Esq.  
Reg. No. 36,207  
Attorney for Applicants



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

FEB 22 2002

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/878,574	02/01/2002	1652	1716	GFN-5285D3CPACN		18	5

000959  
LAHIVE & COCKFIELD  
28 STATE STREET  
BOSTON, MA 02109

COPY OF PAPERS  
ORIGINALLY FILED

RECEIVED

MAR 13 2002

GFN-5285D3CPACN CONFIRMATION NO. 4282

## FILING RECEIPT



\*OC000000007254421\*

Date Mailed: 01/03/2002

TECH CENTER 1600/2900

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Francis Sullivan, Belmont, MA;  
Ronald Kriz, Hudson, MA;  
Ravindra Kumar, Belmont, MA;

## Assignment For Published Patent Application

Genetics Institute, Inc.;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF 09/333,177 06/14/1999 ABN  
WHICH IS A DIV OF 09/149,674 09/09/1998 PAT 5,942,228  
WHICH IS A DIV OF 08/984,246 12/03/1997 PAT 5,869,307  
WHICH IS A DIV OF 08/753,233 11/22/1996 PAT 5,728,568

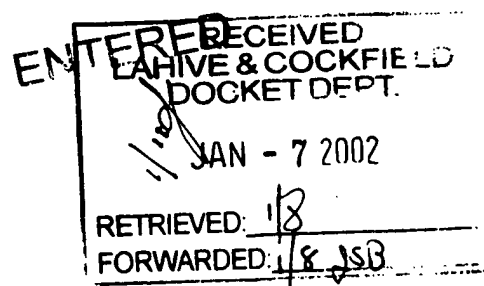
## Foreign Applications

If Required, Foreign Filing License Granted 01/02/2002

Projected Publication Date: 04/11/2002

Non-Publication Request: No

Early Publication Request: No



Title



Human GDP-mannose 4,6 dehydratase

Preliminary Class

424

COPY OF PAPERS  
ORIGINALLY FILED

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**RECEIVED**

MAR 13 2002

**GRANTED**

TECH CENTER 1600/2900

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## UNITED STATES PATENT AND TRADEMARK OFFICE

FILE COPY

 COMMISSIONER OF PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov


Bib Data Sheet

CONFIRMATION NO. 4282

<b>SERIAL NUMBER</b> 09/878,574	<b>FILING DATE</b> 06/11/2001 <b>RULE</b>	<b>CLASS</b> 424	<b>GROUP ART UNIT</b> 1652	<b>ATTORNEY DOCKET NO.</b> GFN-5285D3CPACN
<b>APPLICANTS</b> Francis Sullivan, Belmont, MA; Ronald Kriz, Hudson, MA; Ravindra Kumar, Belmont, MA;				
<b>** CONTINUING DATA *****</b> THIS APPLICATION IS A CON OF 09/333,177 06/14/1999 ABN WHICH IS A DIV OF 09/149,674 09/09/1998 PAT 5,942,228 WHICH IS A DIV OF 08/984,246 12/03/1997 PAT 5,869,307 WHICH IS A DIV OF 08/753,233 11/22/1996 PAT 5,728,568				
<b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 01/02/2002				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged		<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWING</b> 0	<b>TOTAL CLAIMS</b> 18
Examiner's Signature <i>[Signature]</i> Initials <i>yo</i>		<b>INDEPENDENT CLAIMS</b> 5		
<b>ADDRESS</b> 000959				
<b>TITLE</b> Human GDP-mannose 4,6 dehydratase				
<b>FILING FEE RECEIVED</b> 1716	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

Best Available Copy